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TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	10/734,082
		Filing Date	December 10, 2003
		First Named Inventor	Ramesh Yarlagadda
		Group Art Unit Number	2189
		Examiner Name	Woo H. Choi
Total Number of Pages in This Submission	14	Attorney Docket Number	23019-07460

ENCLOSURES (check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed	<input type="checkbox"/> Issue Fee Transmittal
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<input type="checkbox"/> Response to Notice to File Missing Parts	<input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) []
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<input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/>

REMARKS:

SIGNATURE OF ATTORNEY OR AGENT		
Signature:	<i>Greg T. Sueoka</i>	
Attorney/Reg. No.:	Greg T. Sueoka, Reg. No.: 33,800	Dated: 5/17/06

CERTIFICATE OF MAILING		
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment; Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.		
Signature:	<i>Greg T. Sueoka</i>	
Typed or Printed Name:	Greg T. Sueoka	Dated: 5/17/06
Express Mail Mailing Number (optional):		



FEE TRANSMITTAL for FY 2006

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)-0-

Complete if Known

Application Number	10/734,082
Filing Date	December 10, 2003
First Named Inventor	Ramesh Yarlagadda
Examiner Name	Woo H. Choi
Art Unit	2189

Attorney Docket No. 23019-07460

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
☐ Deposit Account:

Deposit Account Number 19-2555

Deposit Account Name Fenwick & West LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
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SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Fee	Fee below	Fee Paid
12	-10**	2	x -0- = -0-
Independent Claims	2	-1*	2 x -0- = -0-
Multiple Dependent			

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple dependent claim, if not paid
1204	200	2204	100	**Reissue independent claims over original patent
1205	50	2205	25	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)-0-

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath or declaration	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1100	2503	550	Plant issue fee	
1460		1460		Petitions to the Director	
1807	50	1807	50	Processing fee for Provisional Applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

SUBTOTAL (3) (\$)-0-

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type)

Greg T. Sueoka

Registration No.
(Attorney/Agent)

33,800

Complete (if applicable)

Telephone (650) 335-7194

Signature

Date

5/17/06



IN THE

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Ramesh Yarlagadda, Shwetal Desai, and Harish Devanagondi
SERIAL NO.: 10/734,082
FILING DATE: December 10, 2003
TITLE: High Bandwidth Memory Management Using Multi-Bank DRAM Devices
EXAMINER: Woo H. Choi
GROUP ART UNIT: 2189
ATTY. DKT. NO.: 23019-07460

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Dated: 5/17/06

By: [Signature]

Greg T. Sueoka, Reg. No.: 33,800

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

AMENDMENT A AND RESPONSE UNDER 37 CFR § 1.111

Sir:

This amendment for the patent application identified above is in response to the Office action dated February 17, 2006, which set a shortened statutory period for response that expires on May 17, 2006.

Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 6 of this paper.

Kindly amend this application as indicated herein.